

CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

- 1 1. An image capture system comprising:
2 a digital camera, the digital camera comprising at least a photosensor; and
3 an enclosure configured to receive the digital camera, configured to have at
4 least one feature controlling operation of the digital camera, and configured to capture
5 an image using the photosensor of the digital camera.
- 1 2. The image capture system of claim 1, further comprising a processor
2 configured to control operation of the digital camera and the enclosure.
- 1 3. The image capture system of claim 1, further comprising:
2 a first processor residing in the digital camera and configured to control
3 operation of the digital camera and the enclosure; and
4 a second processor residing in the enclosure, configured to control at least
5 partial operation of the enclosure.
- 1 4. The image capture system of claim 3, wherein the second processor
2 controls operation of the enclosure.
- 1 5. The image capture system of claim 3, wherein the first processor and
2 the second processor operate in conjunction to control operation of the enclosure.
- 1 6. The image capture system of claim 1, wherein the enclosure further
2 comprises:
3 a first portion; and
4 a second portion,
5 wherein the digital camera is configured to be enclosed within the first portion
6 and the second portion.

1 7. The image capture system of claim 1, wherein the enclosure further
2 comprises a receptacle configured to receive the digital camera.

1 8. The image capture system of claim 1, wherein the enclosure further
2 comprises a coupler configured to receive a flash attachment, and wherein the digital
3 camera is configured to cause the flash attachment to flash.

1 9. The image capture system of claim 1, wherein the digital camera
2 further comprises a first ergonomic grip and the enclosure further comprises a second
3 ergonomic grip, the second ergonomic grip larger than the first ergonomic grip.

1 10. The image capture system of claim 1, wherein the digital camera
2 further comprises a first display and the enclosure further comprises a second display,
3 the second display larger than the first display.

1 11. The image capture system of claim 1, wherein the digital camera
2 further comprises at least one first controller configured to control an operation of
3 image capturing and the enclosure further comprises at least one second controller
4 configured to control the operation of image capturing, the second controller having at
5 least one feature different from the first controller.

1 12. The image capture system of claim 11, wherein the enclosure further
2 comprises a third controller configured to control a different operation of image
3 capturing that is not controllable by the digital camera.

1 13. The image system of claim 1, wherein the enclosure further comprises
2 at least one indicator configured to indicate an operation of image capturing not
3 indicated by the digital camera.

1 14. The image capture system of claim 1, wherein the digital camera
2 further comprises a first lens and the enclosure further comprises a second lens, the
3 second lens having at least one feature different from the first lens.

1 15. The image capture system of claim 14, wherein the enclosure further
2 comprises a lens coupler configured to couple the second lens to the enclosure, and
3 where the lens coupler permits the second lens to detach from the enclosure.

1 16. The image capture system of claim 14, wherein the enclosure further
2 comprises a focus ring residing on the enclosure and configured to adjust a focus of
3 the image.

1 17. The image capture system of claim 14, wherein the enclosure further
2 comprises an aperture ring residing on the enclosure and configured to adjust an
3 aperture used when capturing the image.

1 18. The image capture system of claim 14, wherein the enclosure further
2 comprises a zoom control ring residing on the enclosure and configured to adjust a
3 focal length of the second lens used when capturing the image.

1 19. A method for capturing images, the method comprising the steps of:
2 coupling a digital camera and an enclosure, the digital camera residing within
3 a recess of the enclosure;
4 selecting at least one image capture feature using a device residing on the
5 enclosure; and
6 capturing an image on a photosensor residing in the digital camera, the image
7 captured through a lens residing on the camera enclosure.

1 20. The method of claim 19, further comprising the step of capturing the
2 image with the digital camera when the digital camera is decoupled from the camera
3 enclosure.

1 21. A method for capturing images, the method comprising the steps of:
 2 generating an image capture instruction using a device residing on an
 3 enclosure;
 4 communicating the image capture instruction to a digital camera coupled to the
 5 enclosure and residing within a recess of the enclosure; and
 6 capturing an image with a photosensor residing in the digital camera, the step
 7 of capturing performed in accordance with the received image capture instruction.

1 22. An image capture system, comprising:
 2 means for capturing an image with a photosensor residing in a digital camera;
 3 means for coupling the digital camera to an enclosure; and
 4 means for controlling a process of image capture with at least one device
 5 residing on the enclosure.

1 23. The image capture system of claim 22, further comprising a means for
 2 controlling operation of the digital camera and the enclosure.

1 24. The image capture system of claim 22, further comprising a second
 2 means for controlling operation of the enclosure, the second means for controlling
 3 operating in conjunction with the means for controlling operation of the digital camera
 4 and the enclosure.

1 25. The image capture system of claim 22, further comprising means for
 2 controlling at least one operation of an image capture process, the means for
 3 controlling residing in the enclosure and configured to control the digital camera.

1 26. The image capture system of claim 22, further comprising a means to
 2 couple a lens to the enclosure.

1 27. A computer-readable medium having a program for capturing images,
2 the program comprising logic configured to perform the steps of:
3 receiving an image capture instruction from an enclosure; and
4 capturing an image with a photosensor residing in a digital camera when the
5 digital camera is coupled to the enclosure, the step of capturing performed in
6 accordance with the received image capture instruction.